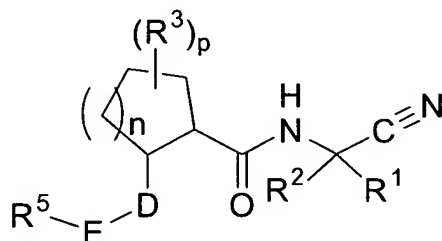


## IN THE CLAIMS:

1. (Currently amended) A compound of the following formula:



wherein

$R^1$  is hydrogen, C<sub>1-6</sub> alkyl or C<sub>2-6</sub> alkenyl wherein said alkyl and alkenyl groups are optionally substituted with C<sub>3-6</sub> cycloalkyl, -SR<sup>6</sup>, -SR<sup>7</sup>, -SOR<sup>6</sup>, -SOR<sup>7</sup>, -SO<sub>2</sub>R<sup>6</sup>, -SO<sub>2</sub>R<sup>7</sup>, -SO<sub>2</sub>CH(R<sup>7</sup>)(R<sup>9</sup>), -OR<sup>7</sup>, -OR<sup>6</sup>, -N(R<sup>7</sup>)<sub>2</sub>, one to six halo, aryl, heteroaryl or heterocycyl wherein said aryl, heteroaryl and heterocycyl groups are optionally substituted with one or two substituents independently selected from the group consisting of C<sub>1-6</sub> alkyl, halo, hydroxyalkyl, hydroxy, alkoxy and keto;

$R^2$  is hydrogen, C<sub>1-6</sub> alkyl or C<sub>2-6</sub> alkenyl wherein said alkyl and alkenyl groups are optionally substituted with C<sub>3-6</sub> cycloalkyl, -SR<sup>6</sup>, -SR<sup>7</sup>, -SOR<sup>6</sup>, -SOR<sup>7</sup>, -SO<sub>2</sub>R<sup>6</sup>, -SO<sub>2</sub>R<sup>7</sup>, -SO<sub>2</sub>CH(R<sup>7</sup>)(R<sup>9</sup>), -OR<sup>7</sup>, -OR<sup>6</sup>, -N(R<sup>7</sup>)<sub>2</sub>, one to six halo, aryl, heteroaryl or heterocycyl wherein said aryl, heteroaryl and heterocycyl groups are optionally substituted with one or two substituents independently selected from the group consisting of C<sub>1-6</sub> alkyl, halo, hydroxyalkyl, hydroxy, alkoxy or keto; or

$R^1$  and  $R^2$  can be taken together with the carbon atom to which they are attached to form a C<sub>3-8</sub> cycloalkyl or heterocycyl ring wherein said ring system is optionally substituted with one or two substituents independently selected from the group consisting of C<sub>1-6</sub> alkyl, hydroxyalkyl, haloalkyl and halo;

each  $R^3$  is independently selected from the group consisting of hydrogen, halo and C<sub>1-2</sub> alkyl wherein said alkyl group is optionally substituted with halo; or two  $R^3$  groups can be taken together with the carbon atom to which they are attached to form a C<sub>3-4</sub> cycloalkyl ring, wherein said group is optionally substituted with halo;

D is ~~C<sub>1-3</sub> alkyl, C<sub>2-3</sub> alkenyl, C<sub>2-3</sub> alkynyl~~, aryl, or heteroaryl, ~~C<sub>3-8</sub> cycloalkyl or heterocycyl~~ wherein each said aryl, ~~or heteroaryl, cycloalkyl and heterocycyl~~ groups, which may be monocyclic or bicyclic, is optionally substituted on either the carbon or the heteroatom with one to five substituents independently selected from the group consisting of C<sub>1-6</sub> alkyl, haloalkyl, halo, keto, alkoxy, -SR<sup>6</sup>, -SR<sup>7</sup>, -OR<sup>6</sup>, -OR<sup>7</sup>, N(R<sup>7</sup>)<sub>2</sub>, -SO<sub>2</sub>R<sup>6</sup> and -SO<sub>2</sub>R<sup>8</sup>;

E is ~~C<sub>2-3</sub> alkenyl, C<sub>2-3</sub> alkynyl~~, aryl, ~~heteroaryl, C<sub>3-8</sub> cycloalkyl or heterocycyl~~ wherein each said aryl, ~~heteroaryl, cycloalkyl and heterocycyl~~ groups, which may be monocyclic or bicyclic, is optionally substituted on either the carbon or the heteroatom with one to five substituents independently selected from the group consisting of C<sub>1-6</sub> alkyl, haloalkyl, halo, keto, alkoxy, -SR<sup>6</sup>, -SR<sup>7</sup>, -OR<sup>6</sup>, -OR<sup>7</sup>, N(R<sup>7</sup>)<sub>2</sub>, -SO<sub>2</sub>R<sup>6</sup> and -SO<sub>2</sub>R<sup>8</sup>;

R<sup>5</sup> is hydrogen, C<sub>1-6</sub> alkyl, C<sub>2-6</sub> alkenyl, C<sub>2-6</sub> alkynyl, C<sub>1-6</sub> alkyloxy, halo, nitro, cyano, aryl, heteroaryl, C<sub>3-8</sub> cycloalkyl, heterocyclyl, -C(O)OR<sup>8</sup>, -C(O)OSi[CH(CH<sub>3</sub>)<sub>2</sub>]<sub>3</sub>, -OR<sup>6</sup>, -OR<sup>8</sup>, -C(O)R<sup>8</sup>, -R<sup>8</sup>C(O)R<sup>6</sup>, -C(O)R<sup>6</sup>, -C(O)N(R<sup>a</sup>)(R<sup>b</sup>), -C(O)N(R<sup>7</sup>)(R<sup>7</sup>), -C(O)N(R<sup>8</sup>)(R<sup>9</sup>), -C(R<sup>8</sup>)(R<sup>9</sup>)OH, -SO<sub>m</sub>R<sup>7</sup>, -SO<sub>m</sub>R<sup>6</sup>, -R<sup>8</sup>SR<sup>6</sup>, -R<sup>6</sup>, -C(R<sup>6</sup>)<sub>3</sub>, -C(R<sup>8</sup>)(R<sup>9</sup>)N(R<sup>6</sup>)<sub>2</sub>, -NR<sup>8</sup>C(O)NR<sup>8</sup>S(O)<sub>2</sub>R<sup>6</sup>, -SO<sub>m</sub>N(R<sup>c</sup>)(R<sup>d</sup>), -SO<sub>m</sub>CH(R<sup>8</sup>)(R<sup>9</sup>), -SO<sub>m</sub>(C<sub>1-6</sub>alkyl)C(O)(C<sub>0-6</sub>alkyl)NR<sup>10</sup>, -SO<sub>m</sub>(C<sub>1-6</sub>alkyl)N(R<sup>10</sup>)<sub>2</sub>, -SO<sub>m</sub>(C<sub>1-6</sub>alkyl)R<sup>10</sup>; -SO<sub>m</sub>(C<sub>3-8</sub>cycloalkyl)R<sup>10</sup>; -SO<sub>2</sub>N(R<sup>8</sup>)C(O)(R<sup>7</sup>), -SO<sub>2</sub>(R<sup>8</sup>)C(O)N(R<sup>7</sup>)<sub>2</sub>, -OSO<sub>2</sub>R<sup>8</sup>, -N(R<sup>8</sup>)(R<sup>9</sup>), -N(R<sup>8</sup>)C(O)N(R<sup>8</sup>)(R<sup>6</sup>), -N(R<sup>8</sup>)C(O)R<sup>6</sup>, -N(R<sup>8</sup>)C(O)R<sup>8</sup>, -N(R<sup>8</sup>)C(O)OR<sup>8</sup>, -N(R<sup>8</sup>)SO<sub>2</sub>(R<sup>8</sup>), -C(R<sup>8</sup>)(R<sup>9</sup>)NR<sup>8</sup>C(R<sup>8</sup>)(R<sup>9</sup>)R<sup>6</sup>, -C(R<sup>8</sup>)(R<sup>9</sup>)N(R<sup>8</sup>)R<sup>6</sup>, -C(R<sup>8</sup>)(R<sup>9</sup>)N(R<sup>8</sup>)(R<sup>9</sup>), -C(R<sup>8</sup>)(R<sup>9</sup>)SC(R<sup>8</sup>)(R<sup>9</sup>)(R<sup>6</sup>), R<sup>8</sup>S-, -C(R<sup>a</sup>)(R<sup>b</sup>)N<sup>a</sup>C(R<sup>a</sup>)(R<sup>b</sup>)(R<sup>6</sup>), -C(R<sup>a</sup>)(R<sup>b</sup>)N(R<sup>a</sup>)(R<sup>b</sup>), -C(R<sup>a</sup>)(R<sup>b</sup>)C(R<sup>a</sup>)(R<sup>b</sup>)N(R<sup>a</sup>)(R<sup>b</sup>), -C(O)C(R<sup>a</sup>)(R<sup>b</sup>)N(R<sup>a</sup>)(R<sup>b</sup>), -C(R<sup>a</sup>)(R<sup>b</sup>)N(R<sup>a</sup>)C(O)R<sup>6</sup>, -C(O)C(R<sup>a</sup>)(R<sup>b</sup>)S(R<sup>a</sup>), C(R<sup>a</sup>)(R<sup>b</sup>)C(O)N(R<sup>a</sup>)(R<sup>b</sup>), -B(OH)<sub>2</sub>, -OCH<sub>2</sub>O- or 4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl; wherein said groups are optionally substituted on either the carbon or the heteroatom with one to five substituents independently selected from the group consisting of C<sub>1-6</sub> alkyl, halo, keto, cyano, haloalkyl, hydroxyalkyl, -OR<sup>6</sup>, -OR<sup>7</sup>, -NO<sub>2</sub>, -NH<sub>2</sub>, -NHS(O)<sub>2</sub>R<sup>8</sup>, -R<sup>6</sup>SO<sub>2</sub>R<sup>7</sup>, -SO<sub>2</sub>R<sup>7</sup>, -SO(R<sup>7</sup>), -SR<sup>7</sup>, -SR<sup>6</sup>, -SO<sub>m</sub>N(R<sup>c</sup>)(R<sup>d</sup>), -SO<sub>m</sub>N(R<sup>8</sup>)C(O)(R<sup>7</sup>), -C(R<sup>8</sup>)(R<sup>9</sup>)N(R<sup>8</sup>)(R<sup>9</sup>), -C(R<sup>8</sup>)(R<sup>9</sup>)OH, -COOH, -C(O)(O)(R<sup>7</sup>), -C(O)(O)C(R<sup>7</sup>)<sub>3</sub>, -C(R<sup>a</sup>)(R<sup>b</sup>)C(O)N(R<sup>a</sup>)(R<sup>b</sup>), -C(O)(R<sup>a</sup>), -N(R<sup>8</sup>)C(R<sup>8</sup>)(R<sup>9</sup>)(R<sup>6</sup>), -N(R<sup>8</sup>)CO(R<sup>6</sup>), -NH(CH<sub>2</sub>)<sub>2</sub>OH, -NHC(O)OR<sup>8</sup>, -Si(CH<sub>3</sub>)<sub>3</sub>, heterocyclyl, aryl, heteroaryl, (C<sub>1-4</sub>alkyl)heteroaryl and (C<sub>1-4</sub>alkyl)aryl;

R<sup>6</sup> is hydrogen, aryl, aryl(C<sub>1-4</sub>)alkyl, (C<sub>1-4</sub>alkyl)aryl, heteroaryl, heteroaryl(C<sub>1-4</sub>)alkyl, (C<sub>1-4</sub>alkyl)heteroaryl, C<sub>3-8</sub> cycloalkyl, C<sub>3-8</sub> cycloalkyl(C<sub>1-4</sub>)alkyl, or heterocyclyl(C<sub>1-4</sub>)alkyl wherein said groups can be optionally substituted with one, two, or three substituents independently selected from the group consisting of halo, alkoxy and -SO<sub>2</sub>R<sup>7</sup>;

R<sup>7</sup> is hydrogen or C<sub>1-6</sub> alkyl which is optionally substituted with one, two, or three substituents independently selected from the group consisting of halo, alkoxy, cyano, -N(R<sup>8</sup>)(R<sup>9</sup>) and -SR<sup>8</sup>;

R<sup>8</sup> is hydrogen or C<sub>1-6</sub> alkyl

R<sup>9</sup> is hydrogen or C<sub>1-6</sub> alkyl;

R<sup>10</sup> is hydrogen, C<sub>1-6</sub> alkyl, cyano, aryl, heteroaryl, heterocyclyl, SO<sub>m</sub>heteroaryl, (C=N)O(C<sub>1-6</sub>alkyl) or (C<sub>1-6</sub>alkyl)NH(SO<sub>m</sub>)heteroaryl;

R<sup>a</sup> is hydrogen, C<sub>1-6</sub> alkyl, (C<sub>1-6</sub> alkyl)aryl, (C<sub>1-6</sub> alkyl)hydroxyl, -O(C<sub>1-6</sub> alkyl), hydroxyl, halo, aryl, heteroaryl, C<sub>3-8</sub> cycloalkyl or heterocyclyl, wherein said alkyl, aryl, heteroaryl, C<sub>3-8</sub> cycloalkyl and heterocyclyl can be optionally substituted on either the carbon or the heteroatom with one, two, or three substituents independently selected from C<sub>1-6</sub> alkyl or halo;

R<sup>b</sup> is hydrogen, C<sub>1-6</sub> alkyl, (C<sub>1-6</sub> alkyl)aryl, (C<sub>1-6</sub> alkyl)hydroxyl, alkoxy, hydroxyl, halo, aryl, heteroaryl, C<sub>3-8</sub> cycloalkyl or heterocyclyl, wherein said alkyl, aryl, heteroaryl, C<sub>3-8</sub> cycloalkyl and heterocyclyl can be optionally substituted on either the carbon or the heteroatom with one, two, or three substituents independently selected from group consisting of C<sub>1-6</sub> alkyl and halo; or

R<sup>a</sup> and R<sup>b</sup> can be taken together with the carbon atom to which they are attached or are between them to form a C<sub>3-8</sub> cycloalkyl ring or C<sub>3-8</sub> heterocycl ring wherein said 3-8 membered ring system may be optionally substituted with one or two substituents independently selected from C<sub>1-6</sub> alkyl and halo;

R<sup>c</sup> is hydrogen or C<sub>1-6</sub> alkyl which is optionally substituted with one, two, or three substituents independently selected from the group consisting of halo and -OR<sup>6</sup>;

R<sup>d</sup> is hydrogen or C<sub>1-6</sub> alkyl which is optionally substituted with one, two, or three substituents independently selected from the group consisting of halo and -OR<sup>6</sup>; or

R<sup>c</sup> and R<sup>d</sup> can be taken together with the nitrogen atom to which they are attached or are between them to form a C<sub>3-8</sub> heterocycl ring which is optionally substituted with one or two substituents independently selected from the group consisting of C<sub>1-6</sub> alkyl, halo hydroxyalkyl, hydroxy, alkoxy and keto;

n is two ~~an integer from one to three~~;

m is an integer from zero to two;

p is an integer from one to three;

or a pharmaceutically acceptable salts; or stereoisomers ~~or N-oxide derivatives~~ thereof.

2. Cancelled.
3. (Original) The compound of Claim 2 wherein D is aryl or heteroaryl and E is aryl or heteroaryl.
4. (Original) The compound of Claim 2 wherein each R<sup>3</sup> is independently selected from hydrogen or halo.
5. (Original) The compound of Claim 3 wherein R<sup>5</sup> is -SO<sub>m</sub>R<sup>7</sup>, -SO<sub>m</sub>R<sup>6</sup>, -R<sup>8</sup>SR<sup>6</sup>, SO<sub>m</sub>N(R<sup>c</sup>)(R<sup>d</sup>), -SO<sub>m</sub>CH(R<sup>8</sup>)(R<sup>9</sup>), -SO<sub>m</sub>(C<sub>1-6</sub>alkyl)C(O)(C<sub>0-6</sub>alkyl)NR<sup>10</sup>, -SO<sub>m</sub>(C<sub>1-6</sub>alkyl)N(R<sup>10</sup>)<sub>2</sub>, -SO<sub>m</sub>(C<sub>1-6</sub>alkyl)R<sup>10</sup>; -SO<sub>m</sub>(C<sub>3-8</sub>cycloalkyl)R<sup>10</sup>; -SO<sub>2</sub>N(R<sup>8</sup>)C(O)(R<sup>7</sup>) or -SO<sub>2</sub>(R<sup>8</sup>)C(O)N(R<sup>7</sup>)<sub>2</sub>; wherein said groups are optionally substituted on either the carbon or the heteroatom with one to five substituents independently selected from the group consisting of C<sub>1-6</sub> alkyl, halo, keto, cyano, haloalkyl, hydroxyalkyl, -OR<sup>6</sup>, -OR<sup>7</sup>, -NO<sub>2</sub>, -NH<sub>2</sub>, -NHS(O)<sub>2</sub>R<sup>8</sup>, -R<sup>6</sup>SO<sub>2</sub>R<sup>7</sup>, -SO<sub>2</sub>R<sup>7</sup>, -SO(R<sup>7</sup>), -SR<sup>7</sup>, -SR<sup>6</sup>, -SO<sub>m</sub>N(R<sup>c</sup>)(R<sup>d</sup>), -SO<sub>m</sub>N(R<sup>8</sup>)C(O)(R<sup>7</sup>), -C(R<sup>8</sup>)(R<sup>9</sup>)N(R<sup>8</sup>)(R<sup>9</sup>), -C(R<sup>8</sup>)(R<sup>9</sup>)OH, -COOH, -C(O)(O)(R<sup>7</sup>), -C(O)(O)C(R<sup>7</sup>)<sub>3</sub>, -C(R<sup>a</sup>)(R<sup>b</sup>)C(O)N(R<sup>a</sup>)(R<sup>b</sup>), -C(O)(R<sup>a</sup>), -N(R<sup>8</sup>)C(R<sup>8</sup>)(R<sup>9</sup>)(R<sup>6</sup>), -N(R<sup>8</sup>)CO(R<sup>6</sup>), -NH(CH<sub>2</sub>)<sub>2</sub>OH, -NHC(O)OR<sup>8</sup>, -Si(CH<sub>3</sub>)<sub>3</sub>, heterocyclyl, aryl, heteroaryl, (C<sub>1-4</sub>alkyl)heteroaryl and (C<sub>1-4</sub>alkyl)aryl.
6. (Original) The compound of Claim 5 wherein R<sup>1</sup> is hydrogen, R<sup>2</sup> is hydrogen, or R<sup>1</sup> and R<sup>2</sup> can be taken together with the carbon atom to which they are attached to form a C<sub>3-8</sub> cycloalkyl ring wherein said ring system is optionally substituted with one or two substituents independently selected from C<sub>1-6</sub> alkyl, hydroxyalkyl, haloalkyl, or halo.
7. (Currently amended) The compound of Claim 1 selected from:  
  
~~2-(2-bromophenyl)-N-(cyanomethyl)-5,5-difluorocyclohexanecarboxamide;~~  
  
 N-(cyanomethyl)-5,5-difluoro-2-[4'-(methylthio)-1,1'-biphenyl-2-yl] cyclohexanecarboxamide;  
  
 N-(1-cyanocyclopropyl)-5,5-difluoro-2-[4'-(methylthio)-1,1'-biphenyl-2-yl] cyclohexanecarboxamide;  
  
 2-[4'-(benzyloxy)-1,1'-biphenyl-2-yl]-N-(cyanomethyl)cyclohexanecarboxamide;

N-(cyanomethyl)-2-(4'-hydroxy-1,1'-biphenyl-2-yl)cyclohexanecarboxamide;

N-(cyanomethyl)-2-(4'-fluoro-1,1'-biphenyl-2-yl)cyclohexanecarboxamide;

N-(cyanomethyl)-2-[4'-(methylsulfonyl)-1,1'-biphenyl-2-yl]cyclohexanecarboxamide;

N-(cyanomethyl)-5,5-difluoro-2-(4'-fluoro-1,1'-biphenyl-2-yl) cyclohexanecarboxamide;

N-(cyanomethyl)-2-(4'-vinyl-1,1'-biphenyl-2-yl)cyclohexanecarboxamide;

N-(cyanomethyl)-2-(4'-cyclopropyl-1,1'-biphenyl-2-yl)cyclohexanecarboxamide;

N-(cyanomethyl)-5,5-difluoro-2-[5-(methylsulfonyl)-4'-(methylthio)-1,1'-biphenyl-2-yl]  
cyclohexanecarboxamide;

N-(1-cyanocyclopropyl)-5,5-difluoro-2-[5-(methylsulfonyl)-4'-(methylthio)-1,1'-biphenyl-2-yl]  
cyclohexanecarboxamide;

N-(cyanomethyl)-2-{4'-[(fluoromethyl)thio]-1,1'-biphenyl-2-yl} cyclohexanecarboxamide;

N-(cyanomethyl)-2-(2'-methyl-1,1'-biphenyl-2-yl)cyclohexanecarboxamide;

N-(cyanomethyl)-2-(4'-methyl-1,1'-biphenyl-2-yl)cyclohexanecarboxamide;

N-(cyanomethyl)-2-(4'-ethyl-1,1'-biphenyl-2-yl)cyclohexanecarboxamide;

N-(cyanomethyl)-2-(4'-propyl-1,1'-biphenyl-2-yl)cyclohexanecarboxamide;

N-(cyanomethyl)-2-(3'-isopropyl-1,1'-biphenyl-2-yl)cyclohexanecarboxamide;

N-(cyanomethyl)-2-(4'-isopropyl-1,1'-biphenyl-2-yl)cyclohexanecarboxamide;

2-(4'-tert-butyl-1,1'-biphenyl-2-yl)-N-(cyanomethyl)cyclohexanecarboxamide;

N-(cyanomethyl)-2-[3'-(trifluoromethyl)-1,1'-biphenyl-2-yl]cyclohexanecarboxamide;

N-(cyanomethyl)-2-(3'-fluoro-1,1'-biphenyl-2-yl)cyclohexanecarboxamide;

N-(cyanomethyl)-2-(2'-fluoro-1,1'-biphenyl-2-yl)cyclohexanecarboxamide;

2-(4'-chloro-1,1'-biphenyl-2-yl)-N-(cyanomethyl)cyclohexanecarboxamide;

2-(3'-chloro-1,1'-biphenyl-2-yl)-N-(cyanomethyl)cyclohexanecarboxamide;

N-(cyanomethyl)-2-[3'-(hydroxymethyl)-1,1'-biphenyl-2-yl]cyclohexanecarboxamide;

2'-(2-{{{(cyanomethyl)amino}carbonyl} cyclohexyl)-1,1'-biphenyl-3-carboxylic acid;

2'-(2-{{{(cyanomethyl)amino}carbonyl} cyclohexyl)-1,1'-biphenyl-4-carboxylic acid;

N-(cyanomethyl)-2-(3'-methoxy-1,1'-biphenyl-2-yl)cyclohexanecarboxamide;

N-(cyanomethyl)-2-(2'-ethoxy-1,1'-biphenyl-2-yl)cyclohexanecarboxamide;

N-(cyanomethyl)-2-(4'-ethoxy-1,1'-biphenyl-2-yl)cyclohexanecarboxamide;

N-(cyanomethyl)-2-(3'-isopropoxy-1,1'-biphenyl-2-yl)cyclohexanecarboxamide;

N-(cyanomethyl)-2-(4'-isopropoxy-1,1'-biphenyl-2-yl)cyclohexanecarboxamide;

N-(cyanomethyl)-2-(4'-phenoxy-1,1'-biphenyl-2-yl)cyclohexanecarboxamide;

N-(cyanomethyl)-2-[4'-(trifluoromethoxy)-1,1'-biphenyl-2-yl] cyclohexanecarboxamide;

N-(cyanomethyl)-2-[2'-(methylthio)-1,1'-biphenyl-2-yl]cyclohexanecarboxamide;

N-(cyanomethyl)-2-[3'-(methylthio)-1,1'-biphenyl-2-yl]cyclohexanecarboxamide;

N-(cyanomethyl)-2-[4'-(ethylthio)-1,1'-biphenyl-2-yl]cyclohexanecarboxamide;

2-(3'-amino-1,1'-biphenyl-2-yl)-N-(cyanomethyl)cyclohexanecarboxamide;

N-(cyanomethyl)-2-[4'-(dimethylamino)-1,1'-biphenyl-2-yl]cyclohexanecarboxamide;

N-(cyanomethyl)-2-(3'-nitro-1,1'-biphenyl-2-yl)cyclohexanecarboxamide;

2-[3'-(acetylamino)-1,1'-biphenyl-2-yl]-N-(cyanomethyl)cyclohexanecarboxamide;

N-(cyanomethyl)-2-(4'-isobutyl-1,1'-biphenyl-2-yl)cyclohexanecarboxamide;

N-(cyanomethyl)-2-(2-pyridin-4-ylphenyl)cyclohexanecarboxamide;

N-(cyanomethyl)-2-(2-quinolin-8-ylphenyl)cyclohexanecarboxamide;

N-(cyanomethyl)-2-[2-(2-methoxypyrimidin-5-yl)phenyl]cyclohexanecarboxamide;

N-(cyanomethyl)-2-(2-pyridin-3-ylphenyl)cyclohexanecarboxamide;

N-(cyanomethyl)-2-(2-thien-3-ylphenyl)cyclohexanecarboxamide;

2-(4'-acetyl-1,1'-biphenyl-2-yl)-N-(cyanomethyl)cyclohexanecarboxamide;

N-(cyanomethyl)-2-(1,1':2,1''-terphenyl-2-yl)cyclohexanecarboxamide;

2-(4'-cyano-1,1'-biphenyl-2-yl)-N-(cyanomethyl)cyclohexanecarboxamide;

2-(3'-cyano-1,1'-biphenyl-2-yl)-N-(cyanomethyl)cyclohexanecarboxamide;

~~6-(3-bromophenyl)-N-(cyanomethyl)cyclohex-3-ene-1-carboxamide;~~

~~2-(3-bromophenyl)-N-(cyanomethyl)cyclohexanecarboxamide;~~

tert-butyl 4-[3'-(2-{{{(cyanomethyl)amino}carbonyl}cyclohexyl)-1,1'-biphenyl-4-yl}] piperazine-1-carboxylate;

N-(cyanomethyl)-2-(4'-piperazin-1-yl-1,1'-biphenyl-3-yl)cyclohexanecarboxamide;

~~2-(3-bromophenyl)-N-(cyanomethyl)-4-methylcyclopentanecarboxamide;~~

N-(cyanomethyl)-2-(4'-methoxy-1,1'-biphenyl-3-yl)cyclohexanecarboxamide;

N-(cyanomethyl)-2-[4'-(methylthio)-1,1'-biphenyl-3-yl]cyclohexanecarboxamide;

N-(cyanomethyl)-2-[4'-(methylsulfonyl)-1,1'-biphenyl-3-yl]cyclohexanecarboxamide;

N-(cyanomethyl)-2-(5-phenyl-1,3-oxazol-2-yl)cyclohexanecarboxamide;

N-(cyanomethyl)-2-(5-phenyl-1,3-thiazol-2-yl)cyclohexanecarboxamide;

N-(cyanomethyl)-2-(5-phenyl-1,3-thiazol-2-yl)cyclohexanecarboxamide;

~~2-(2-bromophenyl)-N-(cyanomethyl)cyclohexanecarboxamide;~~

N-(cyanomethyl)-2-[4'-(methylthio)-1,1'-biphenyl-2-yl]cyclohexanecarboxamide;

~~N-(cyanomethyl)-2-phenylcyclohexanecarboxamide;~~

N-(cyanomethyl)-5,5-dichloro-2-[4'-(methylthio)-1,1'-biphenyl-2-yl] cyclohexanecarboxamide;

N-(cyanomethyl)-5,5-difluoro-2-{1-methyl-3-[4-(methylthio)phenyl]-1H-pyrazol-4-yl}cyclohexanecarboxamide;

~~6-(2-bromophenyl)-N-(cyanomethyl)spiro[2.5]octane-5-carboxamide;~~

~~2-(3-bromo-1-methyl-1H-pyrazol-4-yl)-N-(cyanomethyl)-5,5-difluorocyclohexanecarboxamide;~~

N-(cyanomethyl)-6-[4'-(methylthio)-1,1'-biphenyl-2-yl]spiro[2.5]octane-5-carboxamide;

~~2-(2-bromophenyl)-5,5-dichloro-N-(cyanomethyl)cyclohexanecarboxamide;~~

~~2-(3-bromo-1-methyl-1H-pyrazol-4-yl)-5,5-dichloro-N-(cyanomethyl)cyclohexanecarboxamide;~~

N-(cyanomethyl)-2-[(Z)-2-[4-(methylthio)phenyl]ethenyl]cyclohexanecarboxamide;

N-(cyanomethyl)-2-{2-[4-(methylthio)phenyl]ethyl}cyclohexanecarboxamide;

N-(cyanomethyl)-2-[(Z)-2-[4-(methylsulfonyl)phenyl]ethenyl] cyclohexanecarboxamide;

N-(cyanomethyl)-2-{2-[4-(methylsulfonyl)phenyl]ethyl}cyclohexanecarboxamide;

N-(cyanomethyl)-2-[(Z)-2-{4-[(trifluoromethyl)thio]phenyl}ethenyl] cyclohexanecarboxamide;



~~N-(cyanomethyl)-2-((E)-2-[4-(methylsulfonyl)phenyl]ethenyl)-cyclohexanecarboxamide;~~

~~N-(cyanomethyl)-2-(2-[4-[(trifluoromethyl)thio]phenyl]ethyl)-cyclohexanecarboxamide;~~

~~N-(cyanomethyl)-2-ethynylcyclohexanecarboxamide;~~

~~N-(cyanomethyl)-2-[[4-(methylthio)phenyl]ethynyl]cyclohexanecarboxamide;~~

~~N-(cyanomethyl)-2-[[4-(methylsulfonyl)phenyl]ethynyl]cyclohexanecarboxamide;~~

~~N-(cyanomethyl)-2-([4-[(trifluoromethyl)thio]phenyl]ethynyl)-cyclohexanecarboxamide;~~

~~N-(cyanomethyl)-2-(phenylethynyl)cyclohexanecarboxamide;~~

~~2-[(4-bromophenyl)ethynyl]-N-(cyanomethyl)cyclohexanecarboxamide;~~

~~2-(1,1'-biphenyl-4-ylethynyl)-N-(cyanomethyl)cyclohexanecarboxamide;~~

~~N-(cyanomethyl)-2-[[4'-(methylthio)-1,1'-biphenyl-4-yl]ethynyl]-cyclohexanecarboxamide;~~

~~N-(cyanomethyl)-2-[(3-fluorophenyl)ethynyl]cyclohexanecarboxamide;~~

~~2-[(3-chlorophenyl)ethynyl]-N-(cyanomethyl)cyclohexanecarboxamide;~~

~~N-(cyanomethyl)-2-[(4-pyridin-4-ylphenyl)ethynyl]cyclohexanecarboxamide;~~

~~2-[(3-bromophenyl)ethynyl]-N-(cyanomethyl)cyclohexanecarboxamide;~~

~~2-(1,1'-biphenyl-3-ylethynyl)-N-(cyanomethyl)cyclohexanecarboxamide;~~

~~2-[(2-bromophenyl)ethynyl]-N-(cyanomethyl)cyclohexanecarboxamide;~~

~~2-(1,1'-biphenyl-2-ylethynyl)-N-(cyanomethyl)cyclohexanecarboxamide;~~

~~N-(cyanomethyl)-2-[[4-(6-methoxypyridin-2-yl)thien-3-yl]ethynyl]-cyclohexanecarboxamide;~~

~~N-(cyanomethyl)-2-{4'-[(cyanomethyl)thio]biphenyl-2-yl}-5,5-difluorocyclohexanecarboxamide;~~

2-{4'-[(2-amino-2-oxoethyl)thio]biphenyl-2-yl}-N-(cyanomethyl)-5,5-difluorocyclohexanecarboxamide;

N-(cyanomethyl)-2-[4'-({2-[(cyanomethyl)amino]-2-oxoethyl}thio)biphenyl-2-yl]-5,5-difluorocyclohexanecarboxamide;

N-(cyanomethyl)-5,5-difluoro-2-{4'-[(2-pyridin-2-ylethyl)thio]biphenyl-2-yl}cyclohexanecarboxamide;

N-(cyanomethyl)-5,5-difluoro-2-{4'-[(pyridin-2-ylmethyl)thio]biphenyl-2-yl}cyclohexanecarboxamide;

N-(cyanomethyl)-5,5-difluoro-2-{4'-[(pyridin-3-ylmethyl)thio]biphenyl-2-yl}cyclohexanecarboxamide;

N-(cyanomethyl)-5,5-difluoro-2-{4'-[(pyridin-4-ylmethyl)thio]biphenyl-2-yl}cyclohexanecarboxamide;

2-{4'-[(1H-benzimidazol-2-ylmethyl)thio]biphenyl-2-yl}-N-(cyanomethyl)-5,5-difluorocyclohexanecarboxamide;

2-{4'-[(1H-benzimidazol-6-ylmethyl)thio]biphenyl-2-yl}-N-(cyanomethyl)-5,5-difluorocyclohexanecarboxamide;

N-(cyanomethyl)-5,5-difluoro-2-{4'-[(1H-imidazol-4-ylmethyl)thio]biphenyl-2-yl}cyclohexanecarboxamide;

N-(cyanomethyl)-5,5-difluoro-2-{4'-[(1H-imidazol-2-ylmethyl)thio]biphenyl-2-yl}cyclohexanecarboxamide;

N-(cyanomethyl)-5,5-difluoro-2-[4'-({[1-(1H-imidazol-2-ylmethyl)-1H-imidazol-2-yl]methyl}thio)biphenyl-2-yl]cyclohexanecarboxamide;

N-(cyanomethyl)-5,5-difluoro-2-(4'-{[2-(1H-imidazol-4-yl)ethyl]thio}biphenyl-2-yl)cyclohexanecarboxamide;

N-(cyanomethyl)-5,5-difluoro-2-(4'-{[2-(1H-imidazol-2-yl)ethyl]thio}biphenyl-2-yl)cyclohexanecarboxamide;

N-(cyanomethyl)-5,5-difluoro-2-(4'-{[(1-methylpiperidin-4-yl)methyl]thio}biphenyl-2-yl)cyclohexanecarboxamide;

N-(cyanomethyl)-5,5-difluoro-2-(4'-{[2-(1-methylpiperidin-4-yl)ethyl]thio}biphenyl-2-yl)cyclohexanecarboxamide;

N-(cyanomethyl)-5,5-difluoro-2-[2'-fluoro-4'-(methylthio)biphenyl-2-yl]cyclohexanecarboxamide;

N-(cyanomethyl)-5,5-difluoro-2-(4'-{[(5-phenyl-1H-imidazol-2-yl)methyl]thio}biphenyl-2-yl)cyclohexanecarboxamide;

N-(cyanomethyl)-5,5-difluoro-2-{4'-[(2-pyridin-4-ylethyl)thio]biphenyl-2-yl}cyclohexanecarboxamide;

N-(cyanomethyl)-5,5-difluoro-2-[4'-{2-[(pyridin-2-ylsulfonyl)amino]ethyl}thio]biphenyl-2-yl]cyclohexanecarboxamide;

N-(cyanomethyl)-5,5-difluoro-2-(4'-{[2-((pyridin-2-ylsulfonyl){2-[(pyridin-2-ylsulfonyl)amino]ethyl}amino)ethyl]thio}biphenyl-2-yl)cyclohexanecarboxamide;

N-(cyanomethyl)-5,5-difluoro-2-{4'-[(1H-tetrazol-5-ylmethyl)thio]biphenyl-2-yl}cyclohexanecarboxamide;

2-{4'-[(1-cyanocyclopropyl)thio]biphenyl-2-yl}-N-(cyanomethyl)-5,5-difluorocyclohexanecarboxamide;

methyl 1-{[2'-(2-{[(cyanomethyl)amino]carbonyl}-4,4-difluorocyclohexyl)biphenyl-4-yl]thio}cyclopropanecarboximidoate;

2-(4'-{[2-(1H-benzimidazol-2-yl)ethyl]thio}biphenyl-2-yl)-N-(cyanomethyl)-5,5-difluorocyclohexanecarboxamide;

2-{4'-[(1H-benzimidazol-7-ylmethyl)thio]biphenyl-2-yl}-N-(cyanomethyl)-5,5-difluorocyclohexanecarboxamide;

N-(cyanomethyl)-5,5-difluoro-2-[4'-({2-[(methylsulfonyl)amino]ethyl}thio)biphenyl-2-yl]cyclohexanecarboxamide; and

N-(cyanomethyl)-5,5-difluoro-2-(4'-{2-[(methylsulfonyl)amino]ethyl}biphenyl-2-yl)cyclohexanecarboxamide;

or a pharmaceutically acceptable salt or stereoisomer thereof.

8. (Original) A pharmaceutical composition comprising a compound according to Claim 1 and a pharmaceutically acceptable carrier.

9. Cancelled.

10. Cancelled.

11. Cancelled.